

Disaster Avoidance and Recovery

- Solution to evade an impending interruption of storage services. Rapidly restore services when there is an unexpected outage

High Available Cluster

- Reduces the length of an outage when a failure happens

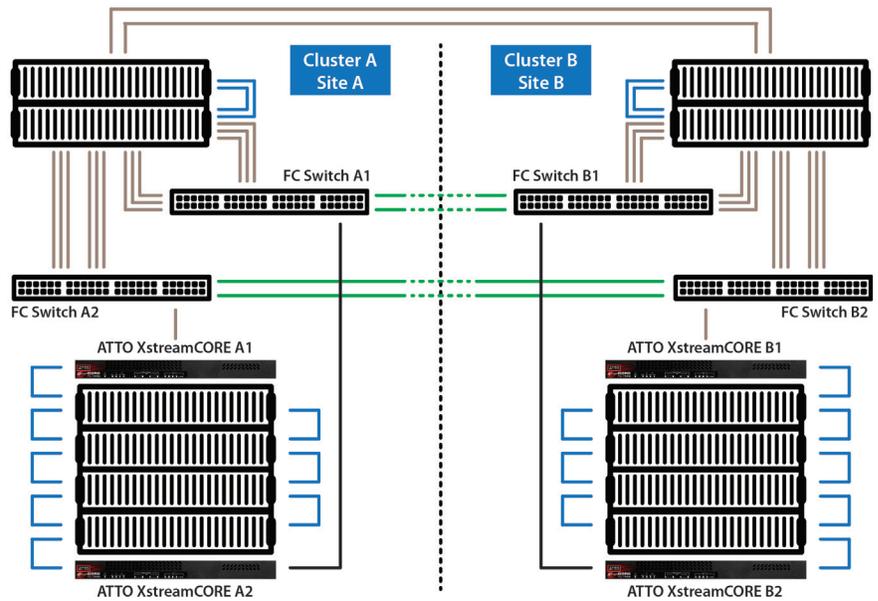
Building out NGX MetroScale Cluster

- Ensures 24 x 7 uptime with business continuity for mission critical applications

NGX Storage MetroScale Cluster With ATTO XstreamCORE® intelligent Bridges

NGX Storage MetroScale Cluster is designed to meet the increasing service-level demands of enterprise-class customers. MetroScale Cluster works seamlessly with the host systems to provide continuous data availability without the need for complicated fail-over structures. Thanks to MetroScale Cluster, you can eliminate downtime and data loss brought on by hardware, network, or site failure.

NGX Storage MetroScale Cluster with ATTO XstreamCORE intelligent Bridges



High Available Data Center with MetroScale Cluster

With NGX MetroScale Cluster, two identically configured sites of AFA or Hybrid series storage are located between buildings, across a campus or across cities. MetroScale Cluster eases the design, deployment and maintenance of campus or citywide high availability (HA) storage solutions with distances of up to 350 km between two arrays connected by a Fibre Channel infrastructure.

Redundant data paths are identical and the most of the enterprise applications and hosts do not need to reconnect the storage after failover.

High availability technology reduces the length of an outage sustained by a failure and allows for rapid recovery of system services. High availability clusters provide automated fault recovery in a reactive fashion.



Disaster Avoidance and Recovery

Disaster avoidance involves proactive behavior to circumvent an impending storage outage.

Disaster Recovery helps to rapidly restore services when there is an unexpected outage and the recovery time is unknown. In these environments, the goal is to rapidly return to full operation, usually in a different data center.

Even if a partial site failure occurs, disasters tend to affect an entire site. Disaster avoidance technologies allow for configuration of a host, cluster or site in a fashion that keeps systems running with minimal interruption. There may be a brief outage at one location followed by a restart at the recovery site, but a minimum outage sustained under controlled circumstances is a much more acceptable than the alternatives.

Building out a MetroScale Cluster with NGX and ATTO

The requirements for building out a MetroScale cluster will depend on an organization's needs when it comes to reliability, capacity and performance. NGX MetroScale Cluster can be established with any of two identical NGX Storage arrays, which can be capacity or performance centric, and ATTO XstreamCORE converting from SAS to Fibre Channel.

This solution ensures 24 x 7 uptime with business continuity for mission critical applications. High-performance Fibre Channel storage area networks (SANs) ensures data is synchronized between data centers. Moreover, it provides a reliable, predictable, cost-effective solution with low latency and high performance.

About ATTO

For over 30 years, ATTO Technology, Inc. has been a global leader across the IT and media & entertainment markets, specializing in network and storage connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works with partners to deliver end-to-end solutions to better store, manage and deliver data. Working as an extension of customer's design teams, ATTO manufactures host bus adapters, network adapters, protocol bridges, Thunderbolt™ adapters, and software. ATTO solutions provide high level connectivity to all storage interfaces, including Fibre Channel, SAS/SATA, iSCSI, Ethernet, NVMe, NVMe over Fabrics and Thunderbolt. ATTO is the Power Behind the Storage.

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About NGX Storage

NGX Storage delivers the unified all-flash arrays and hybrid storage solutions for enterprises as a key enabler to build next generation data infrastructures.

Our built-in unified architecture serves block, file and object data simultaneously to achieve various datacenter workloads including server and desktop virtualization, cloud computing, data warehousing, business intelligence, big data, real time analytics and databases as well as backup and disaster recovery operations.

